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JPRS 4835

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DESCRIPTORS: *Glass, Melting, Bubbles, Vacuum
apparatus.

(Materials--Ceramics, TT, v. 7, no. 11)

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Services, Inc., East
Orange, N. J.

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DESCRIPTORS: *Glass, Chemical analysis, *Gases.

(Materials--Ceramics, TT, v. 7, no. 2)

61-25472

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TC-399

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3.30 photo

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JPRS 14,430

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JPRS 13863

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7114 EE7 N. 425

016 60-21362
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REL 9022.09 1964 (2962) (On Loan)

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JPRS 4608
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JPRS 17093

EEUR # cZECH
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ID 2164475

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VOL XXXIV, NO 4/5, 1962, PP 235-239.

JPRS 15355

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SCI - ENGR
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JPRS 15688

3 USSR
Econ
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RUSSIAN, PER, GOSSTY JOURNAL, N NO 1, 1963,
PP 3-8.

JPRS 18785

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Investigation Into the Preparation by Electrical
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bility, by F. Sleebos, J. de Hij, J. Blok.

DUTCH, per, Microbiol Lab, Ref 1956/3.

T.I.L. Tr 4779

Sci - Physics
Jun 57

48, 847

61-23309

Slegkin, N. A. and Shustov, C. N.
ON THE STABILITY OF THE MOVEMENT OF SUS-
PENDED-PARTICLE IN A LAMINAR STREAM [Ob
Ustolchivosti Dvizheniya Vzveshennoi Chastitsy v
Laminarnom Potoke]. [1961] 4p. 3 refs. [DSIR LLU]
M. 2760.

Order from OTS or SLA \$1.10

61-23309

Unedited trans. of Akad[emiya] Nauk SSSR. Doklad[y]
1954, v. 96, no. 5, p. 933-936.
Another trans. is available from MDF.

DESCRIPTORS: *Fluid flow, *Particles, Motion,
Stability, *Liquid jets.

Calculations show that the limiting value of the Reyn-
olds number depends on : (1) the exterior form of the
particles, which can reflect on the coefficient of the
lateral force, (2) the square of the ratio of the char-
(Physics, TT, v. 6, no. 9) (over)

I. Slegkin, N. A.
II. Shustov, C. N.
III. DSIR LLU M. 2760

Office of Technical Services

Fluctuation Charts on Large Kilns, by
J. Slegten, and P. Slegten, 16 pp.

FRENCH, per, Rev Materiaux, Construction et
Trav Publ, No 496, Jan 1957, pp 12-18.

ELA 57-2267

Sci

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Fluctuation Charts on Large Kilns, by
J. Slegten, and P. Slegten, 16 pp.

FRENCH, per, Rev Matériaux, Construction et
Trav Publ, No 496, Jan 1957, pp 12-18.

SIA 57-2267

Sci

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Slejhar, Jiri.

THE RIPENING OF VISCOSE. [19(1)] [43] p. 2 refs.
Order from SLA \$4.60 61-18835

Trans. of Chemicky Prumysl (Czechoslovakia) 1953,
v. 3[28] no. 7/8, p. 255-258; no. 9, p. 313-316;
no. 10, p. 356-363.

DESCRIPTORS: *Cellulose, Processing, Oxygen,
Chemical reactions, Xanthic acids, Acids, Sulfides

Analysis of experimental facts hitherto known and
original observations indicate that sulfidation of alkali
cellulose takes place in two steps: (1) slowly-formed
but stable xanthates of the sixth hydroxyl, capable of
subsisting even in a medium with a relatively low CS₂
concentration; and (2) rapidly-formed but unstable
xanthates on the second and third hydroxyls, which re-
quire high concentration of CS₂ for their formation and
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